Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Claim 1 (currently amended): A method for minimizing a bandwidth required for the transfers of communication network administration information, said information relating to objects pertaining to hardware, software or network operation elements, catalogued in an administration information base ~~(11)~~ and with each of which is associated a formal language specification, ~~characterized in that it comprises steps consisting in~~ comprising the steps of:

- generating ~~(48-50)~~ on the basis of said specification for each object, a pair of words ~~(121)~~ for which the value of first word pertains to an indication of the object and the value of second word pertains to an information length of the object;
- constructing ~~(41-47, 51-61)~~ a template comprising an ordered set of pairs of words ~~(121-133)~~ generated and an identifier ~~(119-120)~~ of said template, making it possible to subsequently send an ordered string ~~(99-113)~~ of information corresponding to said template.

Claim 2 (currently amended): The method as claimed in claim 1, ~~characterized in that it comprises steps consisting in~~ further comprising the steps of:

- traversing ~~(43-46)~~ a tree of the administration information base ~~(11)~~ each node of which is associated with an object;
- testing ~~(44)~~ at each node whether the object is of scalar or table type;
- constructing ~~(41-47)~~ the template by appending the word pair generated to the template if the object is of scalar type;
- constructing ~~(51-61)~~ another so-called table template if the object is of table type for the objects of the table.

Claim 3 (currently amended): The method as claimed in claim 1 ~~or 2, characterized in that it comprises steps consisting in~~, further comprising the step of constructing ~~(33-37, 19-22) in addition~~ a configuration template comprising the pairs of words generated for objects with modifiable access.

Claim 4 (currently amended): A method of transmitting communication network

administration information, said information relating to objects pertaining to hardware, software or network operation elements, catalogued in an administration information base ~~(11)~~ and with each of which is associated a formal language specification, ~~characterized in that it comprises the following steps~~ comprising the steps of:

- obtaining a template comprising, on the one hand, an identifier ~~(119-120)~~ of said template and, on the other hand, an ordered set of pairs of words ~~(121-133)~~, each pair of words being generated for one of said objects on the basis of the specification associated with said object and comprising a first word having a value pertaining to an indication of said object and a second word having a value pertaining to an information length of said object;
- sending an ordered string ~~(99-113)~~ of information corresponding to said template.

Claim 5 (currently amended): A signal composed of an ordered string ~~(99-113)~~ of communication network administration information, said information relating to objects pertaining to hardware, software or network operation elements, catalogued in an administration information base ~~(11)~~ and with each of which is associated a formal language specification, said ordered string corresponding to a template, said template comprising, on the one hand, an identifier of said template and, on the other hand, an ordered set of pairs of words ~~(121-133)~~, each pair of words being generated for one of said objects on the basis of the specification associated with said object and comprising a first word having a value pertaining to an indication of said object and a second word having a value pertaining to an information length of said object.

Claim 6 (currently amended): A system for minimizing a bandwidth required for the transfers of communication network administration information, said information relating to objects pertaining to hardware, software or network operation elements, catalogued in an administration information base ~~(11)~~ and with each of which is associated a formal language specification, ~~characterized in that it comprises~~ said system comprising a translator module ~~(10)~~ designed to generate on the basis of said specification for each object, a pair of words the value of whose first word pertains to an indication of the object and the value of whose second word pertains to an information length of the object and to generate a template comprising an ordered set of pairs of words and an identifier, making it possible to

subsequently send an ordered string of information corresponding to said template.

Claim 7 (currently amended): The system as claimed in claim 6, ~~characterized in that~~ wherein the translator module ~~(10)~~ is designed to traverse a tree of the administration information base ~~(11)~~ each node of which is associated with an object, to test at each node whether the object is of scalar or table type and to construct the template by appending the word pair generated to the template if the object is of scalar type or construct another so-called table template if the object is of table type for the objects of the table.

Claim 8 (currently amended): The system as claimed in claim 6 ~~or 7, characterized in that,~~ wherein the translator module ~~(10)~~ is designed to construct in addition a configuration template comprising the pairs of words generated for objects with modifiable access.

Claim 9 (currently amended): The system as claimed in ~~one of claims 6 to 8, characterized in that it comprises~~ claim 6, further comprising a supervisor module ~~(87)~~ designed to collect measurements and an exportation module ~~(88)~~ designed to transmit at least one ticket of data pertaining to these measurements to a server ~~(92)~~.

Claim 10 (currently amended): The system as claimed in claim 9, ~~characterized in that~~ wherein said exportation module ~~(88)~~ is designed to transmit:

- a data ticket comprising a reference to a template,
- preceded, in the transmission, by the template referenced in said data ticket.

Claim 11 (currently amended): A translator module ~~(10)~~ intended for a system for minimizing a bandwidth required for the transfers of communication network administration information, said information relating to objects pertaining to hardware, software or network operation elements, catalogued in an administration information base ~~(11)~~ and with each of which is associated a formal language specification, ~~characterized in that~~ wherein said translator module comprises means designed to generate on the basis of said specification for each object, a pair of words the value of whose first word pertains to an indication of the object and the value of whose second word pertains to an information length of the object and

to generate a template comprising an ordered set of pairs of words and an identifier, making it possible to subsequently send an ordered string of information corresponding to said template.

Claim 12 (currently amended): The translator module ~~(10)~~ as claimed in claim 11, ~~characterized in that~~ wherein it is designed to traverse a tree of the administration information base ~~(11)~~ each node of which is associated with an object, so as to test at each node whether the object is of scalar or table type and to construct the template by appending the word pair generated to the template if the object is of scalar type or construct another so-called table template if the object is of table type for the objects of the table.

Claim 13 (currently amended): The translator module ~~(10)~~ as claimed in claim 11 ~~or 12, characterized in that~~, wherein it is designed to construct in addition a configuration template comprising the pairs of words generated for objects with modifiable access.

Claim 14 (currently amended): A supervisor module ~~(87)~~ intended for a system for minimizing a bandwidth required for the transfers of communication network administration information, said information relating to objects pertaining to hardware, software or network operation elements, catalogued in an administration information base ~~(11)~~ and with each of which is associated a formal language specification, ~~characterized in that~~ wherein said supervisor module comprises means designed for collecting measurements on the basis of which said administration information is transmitted.

Claim 15 (currently amended): An exportation module ~~(88)~~ intended for a system for minimizing a bandwidth required for the transfers of communication network administration information, said information relating to objects pertaining to hardware, software or network operation elements, catalogued in an administration information base ~~(11)~~ and with each of which is associated a formal language specification, said system comprising on the one hand a translator module ~~(10)~~ designed to generate a template comprising an ordered set of pairs of words and an identifier and on the other hand a supervisor module ~~(87)~~ designed to carry out measurements, ~~characterized in that~~ wherein said exportation module comprises means for

transmitting at least one ticket of data pertaining to measurements carried out by said supervisor module ~~(87)~~ to a server ~~(92)~~.

Claim 16 (currently amended): The exportation module ~~(88)~~ as claimed in claim 15, ~~characterized in that~~ wherein said exportation module ~~(88)~~ is designed to transmit:

- a data ticket comprising a reference to a template,
- preceded, in the transmission, by the template referenced in said data ticket.